

Figure 1

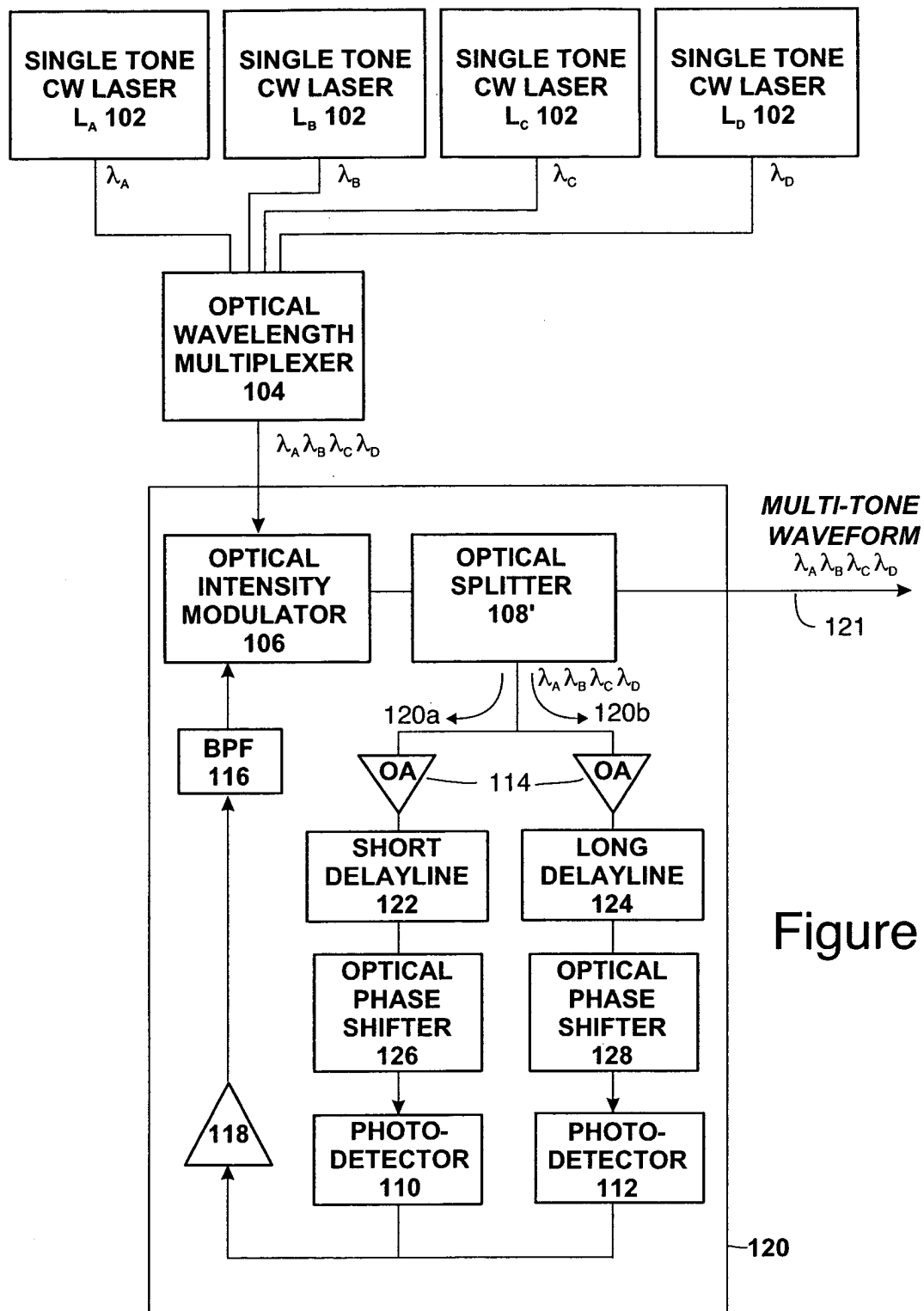


Figure 2

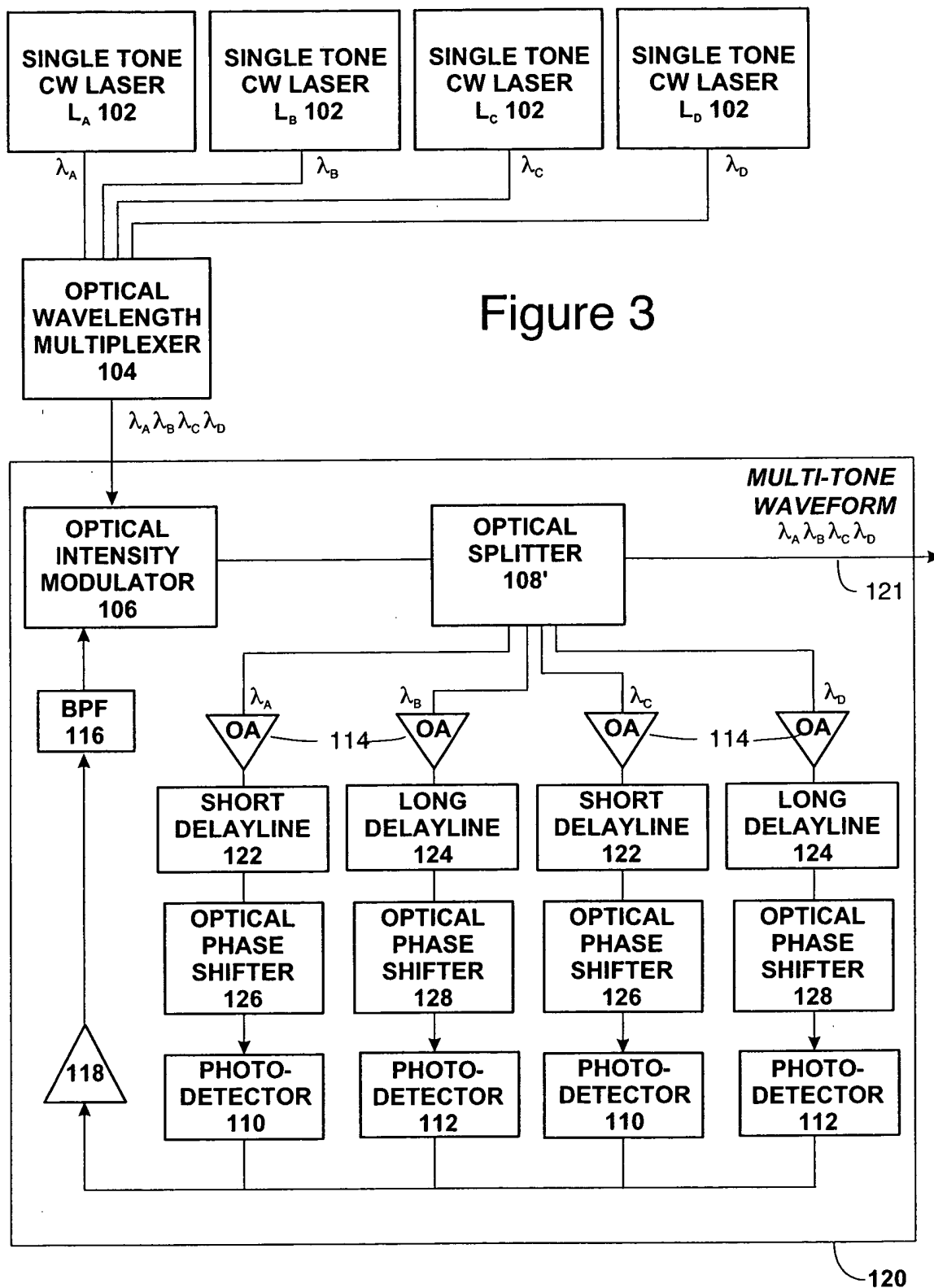


Figure 4a

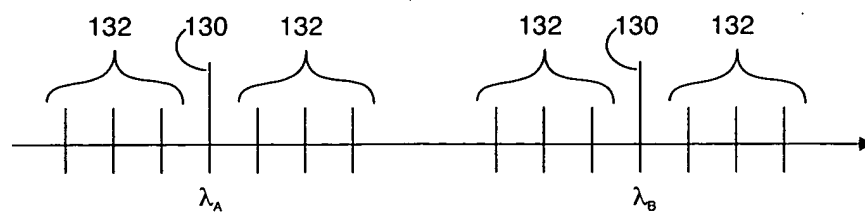


Figure 4b

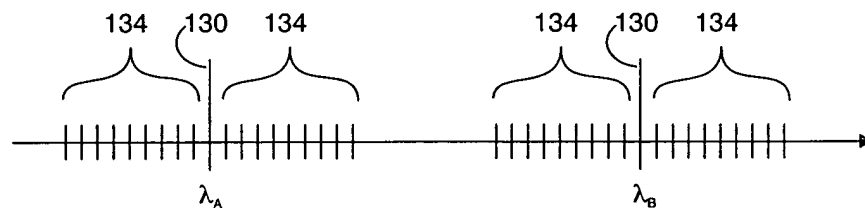


Figure 4c

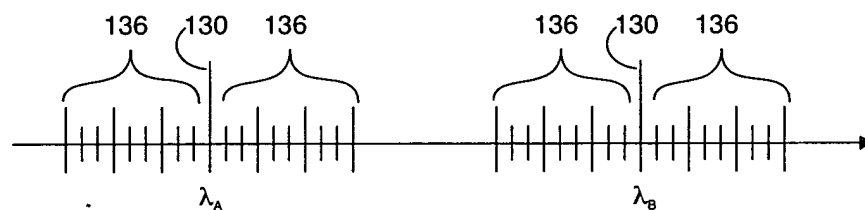


Figure 4d

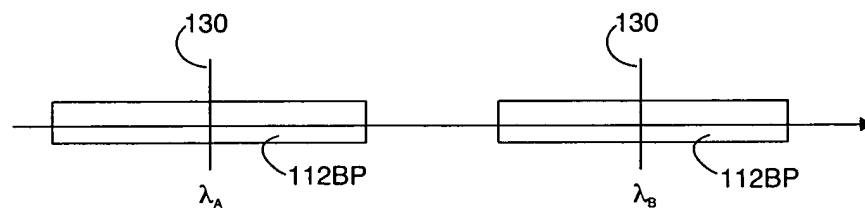


Figure 4e

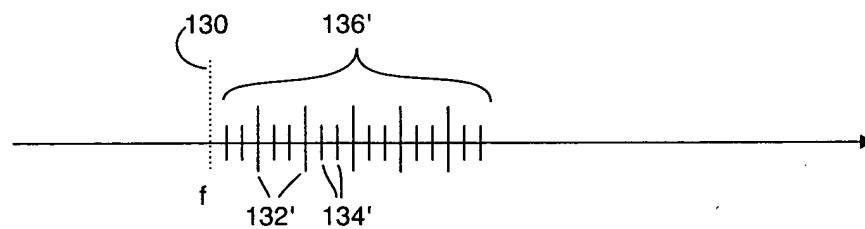
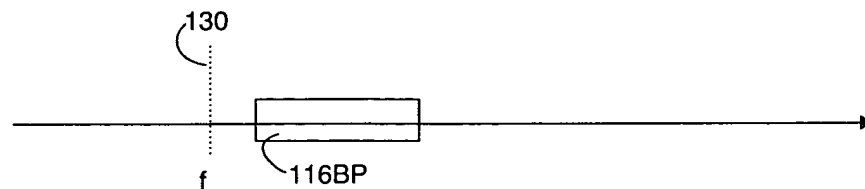


Figure 4f



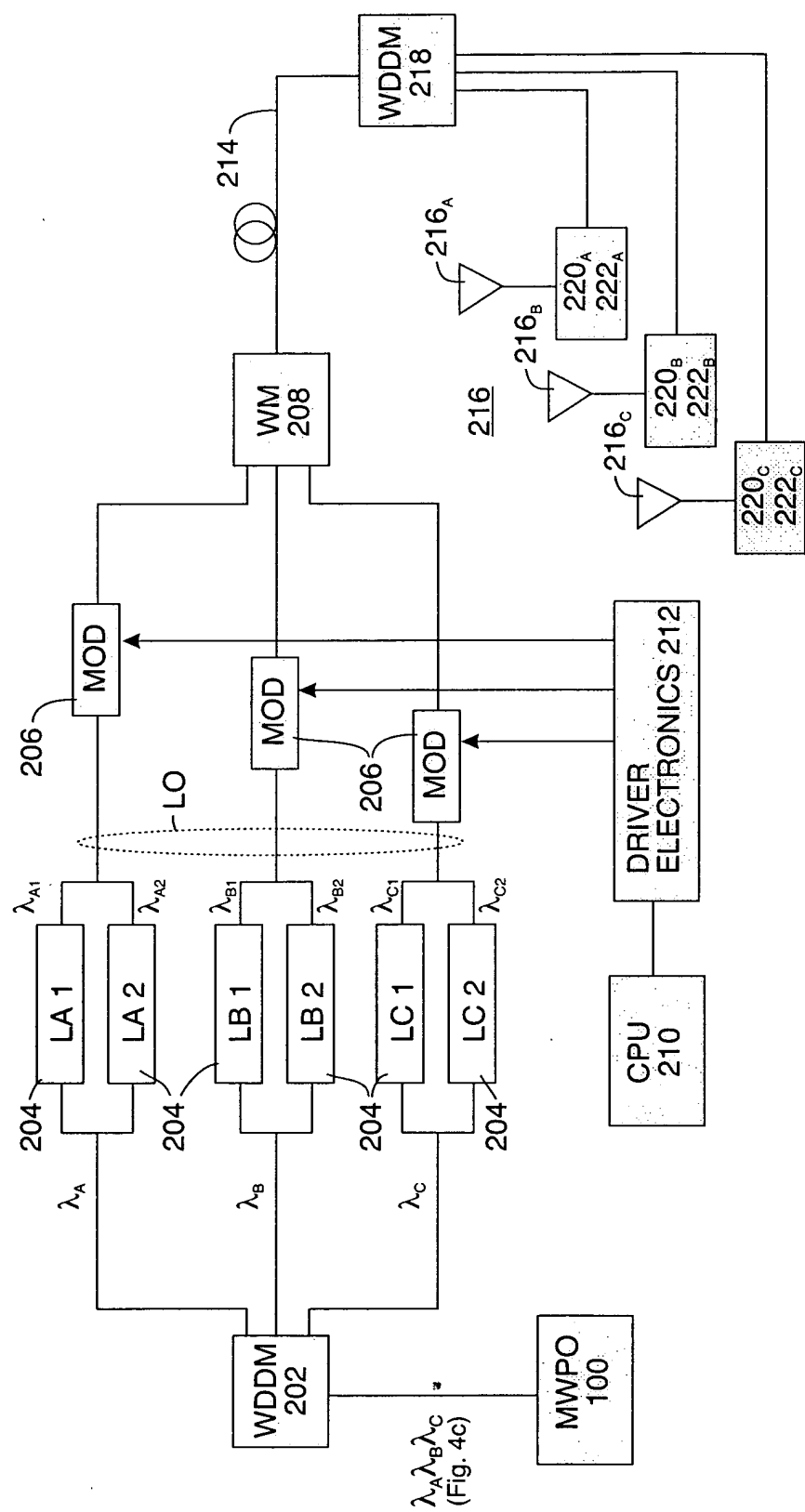


Figure 5

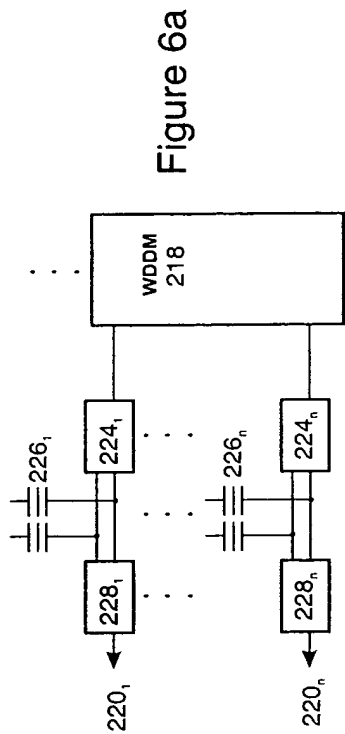
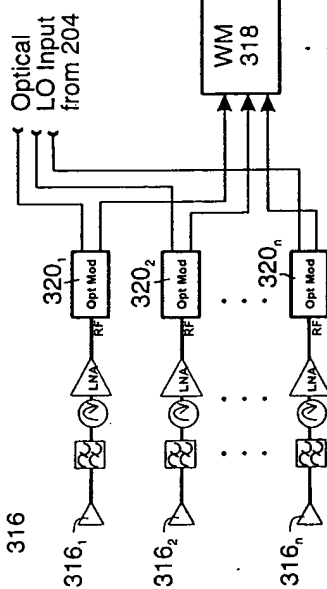
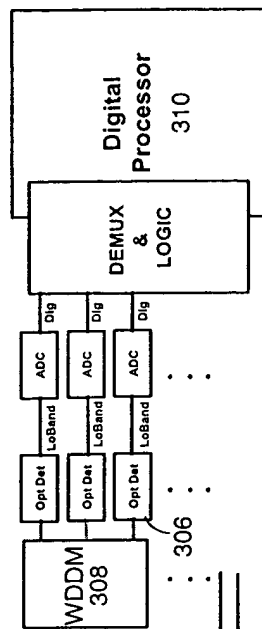


Figure 6a

RECEIVE
Antenna Elements
316



Frequency Down Conversion
At Optical Detector



TRANSMIT
Antenna Elements

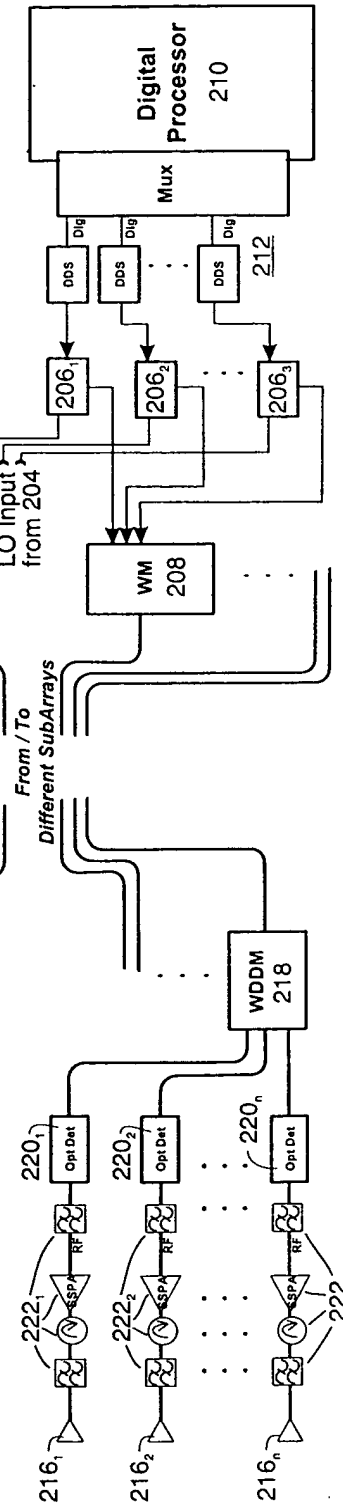


Figure 6